

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008499.D
 Acq On : 04 Feb 2019 11:21
 Operator : SY/VA
 Sample : VW0204SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:42:52 AM

Quant Time: Feb 05 03:22:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	403322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	614497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	536373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	276390	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	183332	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	180065	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.32	98	696160	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.62	95	255772	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31797	16.007	ug/l	99
3) Chloromethane	2.21	50	50839	15.442	ug/l	95
4) Vinyl Chloride	2.36	62	67549	16.118	ug/l	96
5) Bromomethane	2.78	94	57437	21.248	ug/l	92
6) Chloroethane	2.92	64	50699	19.781	ug/l	100
7) Trichlorofluoromethane	3.25	101	51525	17.524	ug/l	93
8) Diethyl Ether	3.67	74	34509	17.157	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	65458	17.944	ug/l	96
10) Methyl Iodide	4.26	142	101648	17.642	ug/l	100
11) Tert butyl alcohol	5.20	59	25721	80.628	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	63001	17.066	ug/l	97
13) Acrolein	3.89	56	23670	86.876	ug/l	98
14) Allyl chloride	4.66	41	109352	15.599	ug/l	97
15) Acrylonitrile	5.37	53	71305	82.099	ug/l	99
16) Acetone	4.12	43	72055	80.980	ug/l	97
17) Carbon Disulfide	4.37	76	191565	16.247	ug/l	100
18) Methyl Acetate	4.67	43	37432	15.773	ug/l	93
19) Methyl tert-butyl Ether	5.42	73	104031	17.032	ug/l	96
20) Methylene Chloride	4.90	84	70294	17.140	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	71993	17.346	ug/l	96
22) Diisopropyl ether	6.31	45	208325	15.680	ug/l	96
23) Vinyl Acetate	6.25	43	626112	79.810	ug/l	97
24) 1,1-Dichloroethane	6.21	63	124147	16.508	ug/l	99
25) 2-Butanone	7.17	43	100854	81.604	ug/l	97
26) 2,2-Dichloropropane	7.16	77	85835	16.886	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	76363	16.882	ug/l	96
28) Bromochloromethane	7.51	49	59601	17.255	ug/l	97
29) Tetrahydrofuran	7.53	42	62445	79.732	ug/l	95
30) Chloroform	7.67	83	124549	16.838	ug/l	97
31) Cyclohexane	7.95	56	124578	16.020	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	109059	17.070	ug/l	99
36) 1,1-Dichloropropene	8.07	75	102802	17.710	ug/l	99
37) Ethyl Acetate	7.25	43	44274	17.240	ug/l	99
38) Carbon Tetrachloride	8.06	117	105769	18.108	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008499.D
 Acq On : 04 Feb 2019 11:21
 Operator : SY/VA
 Sample : VW0204SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0204SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:42:52 AM

Quant Time: Feb 05 03:22:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	131527	17.249	ug/l	95
40) Benzene	8.32	78	278806	17.310	ug/l	98
41) Methacrylonitrile	7.48	41	25900	17.032	ug/l	97
42) 1,2-Dichloroethane	8.40	62	80935	17.339	ug/l	100
43) Isopropyl Acetate	8.42	43	89834	16.837	ug/l	97
44) Trichloroethene	9.09	130	80416	18.360	ug/l	97
45) 1,2-Dichloropropane	9.37	63	68795	17.130	ug/l	95
46) Dibromomethane	9.46	93	36152	17.502	ug/l	96
47) Bromodichloromethane	9.64	83	94513	17.299	ug/l	100
48) Methyl methacrylate	9.43	41	41063	15.740	ug/l	97
49) 1,4-Dioxane	9.46	88	11677	334.436	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	218320	82.828	ug/l	98
52) Toluene	10.38	92	182562	17.170	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	97265	16.730	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	112220	17.009	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	51529	17.985	ug/l	96
56) Ethyl methacrylate	10.65	69	63901	15.917	ug/l	100
57) 1,3-Dichloropropane	10.93	76	88679	17.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	188665	96.720	ug/l	97
59) 2-Hexanone	10.97	43	156065	83.870	ug/l	100
60) Dibromochloromethane	11.13	129	64295	17.462	ug/l	100
61) 1,2-Dibromoethane	11.23	107	50820	17.889	ug/l	98
64) Tetrachloroethene	10.86	164	68532	18.871	ug/l	97
65) Chlorobenzene	11.66	112	195485	17.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	70616	18.026	ug/l	97
67) Ethyl Benzene	11.73	91	355210	17.649	ug/l	99
68) m/p-Xylenes	11.84	106	275156	35.236	ug/l	97
69) o-Xylene	12.16	106	131002	17.656	ug/l	96
70) Styrene	12.18	104	206752	16.870	ug/l	98
71) Bromoform	12.35	173	39307	17.833	ug/l #	100
73) Isopropylbenzene	12.46	105	359372	17.441	ug/l	98
74) N-amyl acetate	12.27	43	86135	16.226	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	57074	17.495	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	40607m	16.898	ug/l	
77) Bromobenzene	12.75	156	83699	18.600	ug/l	92
78) n-propylbenzene	12.80	91	425862	17.208	ug/l	98
79) 2-Chlorotoluene	12.90	91	237691	17.020	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	298287	17.319	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	19972	16.415	ug/l	98
82) 4-Chlorotoluene	12.99	91	245297	16.498	ug/l	96
83) tert-Butylbenzene	13.21	119	263850	17.216	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	302823	17.299	ug/l	99
85) sec-Butylbenzene	13.38	105	381252	17.418	ug/l	99
86) p-Isopropyltoluene	13.50	119	339268	17.696	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	164228	18.071	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	164222	18.182	ug/l	100
89) n-Butylbenzene	13.83	91	325112	17.270	ug/l	99
90) Hexachloroethane	14.10	117	64101	17.096	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	144345	17.950	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10752	17.371	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
Data File : VW008499.D
Acq On : 04 Feb 2019 11:21
Operator : SY/VA
Sample : VW0204SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

Manual Integrations
APPROVED

MMDadoda
2/5/2019 10:42:52 AM

Quant Time: Feb 05 03:22:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	109755	19.126	ug/l	99
94) Hexachlorobutadiene	15.24	225	64546	18.664	ug/l	100
95) Naphthalene	15.37	128	187669	18.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92771	19.058	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

